

**ASYNCHRONOUS LOCALIZATION SIGNALS
FOR TIRE PRESSURE MONITORING SYSTEM**

ABSTRACT OF THE DISCLOSURE

A tire pressure monitoring system includes a plurality of LF initiators for initiating a localization signal from each of the tire pressure monitoring sensors associated with each of the tires. Each of the initiators requests a signal from its respective sensors on a unique frequency. Thus, a control for the vehicle can sense the reporting frequency of the signal from each of the sensors and associate the signal with a particular location on the vehicle based upon this frequency.

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